PROJECT 10073 RECORD CARD

GMT 07/12307	7 February 1963 3. DATE-TIME GROUP	2. LOCATION 15.34N 100.48 4. TYPE OF OBSERVATIO	N (POXIFIC) N Ground-Radar	12. CONCLUSIONS Was Balloon Probably Balloon Possibly Balloon Was Aircraft
5 minutes one northeast Insufficient Data for Evaluation Unknown	GMT	6. SOURCE		Possibly Aircraft Was Astronomical Probably Astronomical Possibly Astronomical
Satellite sighted at 40 dgr elevation below star Antares. Moving in northward direction of about 035 dgr T. Appeared to be in polar orbit. ECHO data not available: Sighting is characteristic of Satelli and was reported as a satellite sighting not a UFO. ECHO (KOZEV EQUATION AT 9977)				☐ Insufficient Data for Evaluation
	Satellite sighted at 40 below star Antares. Move ward direction of about	ing in north-	ing is character and was report sighting not	cteristic of Satellite rted as a satellite a UFO. Leading of 99974 1 12282 Alaman Ve

ATIC FORM 329 (REV 26 SEP 52)

07/12302

OFTIONAL FORM NO. 10 . 5010-103

UNITED STATES GOVERNMENT

Memorandum

TO : J. S. Lacey, OPI

NASA, Greenbelt

FROM : U.S. Naval Oceanographic Office

Code 5511:GEB

SUBJECT: Satellite sighting

Encl: (1) Reproduction of letter from USS MARYSVILLE dtd 13 Feb.

1. Enclosure (1) is forwarded for your information.

GEORGE BUCKWALTER

DATE: 19 February 1963

U. S. S. MARYSVILLE (EPCER-857) CO FLEET POST OFFICE SAN FRANCISCO, CALIFORNIA EFCER857/EZ:qn 23/3161 13 February, 1963 From: Commanding Officer, USS MARYJVILLE (EFCER 857) Commander, U.S. Naval Oceanographic Office, Suitland, Maryland To: Subj: Satellite sighting; report 1. The USS MARYSVILLE (EPCER 897) in position 15-34.5N, 100-48.3W, on course 020°T, speed 6.4 knots, at approximately 1230 GMT., sighted a Satellite bearing 147°T at an altitude of 42° which when first sighted appeared slightly lower than the star Antares and moved in a northward direction, and disappeared on a bearing of 035°T. The entire observation taking about five (5) minutes. The satellite appeared to be in a polar orbit. Sighting made 7 February 1963. 2. The cky was broken with Cumulus and Cirrus clouds. Air temperature 81°F and Barosetric pressure 3.91 inches, seas cals. Copies to: Mayutherretory, Wash, D.C. U.S. Navy Branch Office Oceanographic, Wilmington, Cal.

11MO-SHIPS-5216/23 (3-61)

- SATELLITA . POO TOTA 1, ECHO I

These predictions are based on orbital elements revised on January 28, 1963

T. - January 29 G. times are in days, U.T.

Argument of parises - 8:25 + 4:142 (c-T.)

Eight ascension of ascensing made - 255:063 - 1:2627 (c-T.)

Inclination = 47:2669

Eccentricity = 0.035219 - 2.141 x 10 (t-T.)

Sepi-major axis = 7.858130 megaseters

Head anomaly (Rev.) = 0.24414 + 12.461969 (t-T.) - 1.37 x 10 (t-T.)

EQUA			54		POA I	IOTA I JIHER LAI	110065	wasu	50 i 14		EQUA S-			SA	TELLITE SOUTH-	FOR C	OFA 1	ritunes	NORTH-	SOUTH		, e
TIME (UI)	LONG.	LAT.	TIME CORR.	LONG.	Hf.	BEAR.	TIME CORR.	LUNG.	41.		TIME	LONG.	LAT.	TIME CORR.	LONG.	HT.	BEAR.	TIME CORR.	LONG.	Company of the Compan	SEAR.	
				FEBRUAR											FEBRUAR	v 6.	1963					
	271.92	4/.5	21.2	-63.09	851	12.20		+53.14		Annak Minak		323.29	47.5		-83.10		90.00		-83-15	315 331	107.84	
1 28.1	332.13	49.0	18.2		200	60.7.		-170.41		110.01	5 40.8	152.49	40.0	18.3	-45.73	770	64.7.		-120.40	8 84	119.30	
1 23.1	1.53	35.0	15.3		112			-129.99		126.10	9 31.7	50.90	30.0	12.9	-30.09		49.44		-1 30.66	9.10	130.60	
11 14.6	54.44	20.0	12.8	-28.75		43.14		-137.29		130.70	11 27.2	80.10	20.0	8.4	-17.39		43.70		-137.37	11000000	136.44	
11 10.1	84.14	0.	0.	0.		40.0-	30.1	-165.66	12/0	14000	11 22.6	109.30	0.	0.	0.		34.4.	55.1	-165.80	1339	140.24	
15 5.5	118.35	30.0	-9.6	17.16	816			144 00			17 13.5	157.71	-30-0	-8.5	26.63		49.10	-50.0	136.66		130.44	
14 50.5	176.75	- 35.0	-13.1	16.01	974	55.00		130507			12 9.1	196.91	-15.0	-16.0	35.94		51.90	42.0	129.40			
21 51.9		45.40	-18.7	45.61	901			420.02			21 4.4		-40.0	-19-1	45.53		66.5=	-16-1	114.86			
20 47.3	235.16		-22.y	64.79		10.40		Afra de			22 54-4	200.32	-47.5	-23.3	82.70	104/	72.2.	-5.4	104.15		107.8*	
		-41.5	-28.2	82.83		10.0	- 23 - 1	42.30	* * * *	******			73.55		FEBRUAR				114.4.67	.,,,	10.01	
				FLORDAR						05-04	. 2 55.3	204.62		21.2					-31.16	ane.	part to	
2 18.2	293.57	45.0	21.2		804			-85-15	941	1931.00		313.13	45.0	22.2	-60.96		12.24		-83.15	342	107.00	
. 33.1	122.77	40.0	18.2	-45.14	191			-120-51	100		4 40.2	\$42.93	40.0	16.3	-45.72	151	60.7.	16.3	-135.47	374	11%, 20	
6 2 * . 1		15.0	45.3	- 16,10	165			-130.01		220.30	6 41.7	12.13	35.0	15.4	-36.08		54.00		-130.07	3.99	126.00	
10 10 0	30.18	20.0	5.3	-28.75		73.7.		-137.31		130.44	10 17.0	10.54	20.0		-28.73		49.40		-137.38		110.44	
12 15.5	17.58	0.	0.	0.		46.01		-165.73			12 28.0	99.14	0.	٥.	0.	803	39.90	56.0	-165.63	13.30	140.20	
14 11.0	105.79	-20.0	-5.4	17.37		41.70		197.95			1. 23.5		-20.0	-3.6	17.34		43.10		147.86	2 Aug 1 4 Aug 1	7174	
10 6.9		-13.0	-13-1	35.99		54.0		149-51			16 18.9		-30.0	-13.3	35.92		51.9.		179.36	2.7		
19 51.3	167.19	-40.0	-15.8	45.59		62.50		114.08			10 9.8		-40.0	-19.2	45.51		60.64		114.02			
11.02.0		*****	-25.0	60.76		1/12*		Freezen			22 5.3	2-5-75	-45.0	-23.4	60.65				104.71			
18.77.3	174-160	-1.5	-24.5			va.0.	-2814	3827/165	(1))1):	**************			-47.5	-28.9	82.51	1040	40.04	-20-9	62.12	1.7.40	90.60	
				FIDENAN	T 31	(20)									FEBRUAR	x 8,	1303					
	ESP-01	21.5		-83.10		12.20		-105.25		107.0		274.96 .			-83.09		70.0		-63,14		90.0	
3 14.0	113.71	45.0		-60.41		60.10		-170.44		117-14	1 20.2	334-16	45.0		-60.46		60.10		-105.27		107.70	
1 33.0	11.62	39.0		-30.10		34.00	39.5	-110 05	4.16	190.10	7 41.1	2.51	15.0		-36.01	1231000	54.00		-110-08	27.00	17	
9.25.5	45.42	10.5	1200	Contract Contract		4076		-117.11			1 42.00	31 - 77	301.0	12.4		1970	44.4.		131.37		130.50	
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20 50.2		- 15.0	-15.8	15.78		67.5		114.99			17 19.8		-35.0	-10.1	45.48	100	66.00		179.32			
21 53.6		- 95.0	- 0.1	60.14		12.21	-34.0	11-11	1350	107.00	21 10.7	The second secon	-45.0	-23.5	60.63				104.68			
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				FEBRUAR	v 5,	142)									FEBRUAR	Y 9.	1961					
(0 + 0 ×	. /4.45	47.5	29.7	-81.10	823	40.00	23.7	ental's	3.50	40.10	1 1-5		47.5		-83.09		90.00		-81.14		90.0+	
	321.63	+5.0	22.2	-64.71	2.94	17.20	32.3	+100-25	362	107-12	2 11.0		45.0	THE RESERVE OF STREET	-60.95		12,24		-120.44		119.1-	
4 40-0	317.85	46 + 0	18.3	-45-73	773	60-11	36.3	4930443	2.80	119.10	6 41.9	22.21	15.0	DAACAS	-36.06		54.6		-130.08	170	125.50	
4 10 9	7.05	19.3	12.9			40.51		-130,03		114 14	6 43.3	51.51	10.0	13.0	-28.71	765	44.44	91.9	-137.40	5 79	150.60	
13 /5.1	31.20	10.0				41.11	41.0	-145-57	18-	134.40	10 10 10		20.0		-11.11	0.00	43.70		-140.00			
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	27.7	11.0	-11-4	35.70		31114				125 10	31 20-4		-35-4	-16.2	11.39		43.75		+6 4+11			
	2	-110	A FIE	13.15	34.7	S. Labor	-18.5	114.77	11/12	118000	16.5	100.00	411-2		35.40				144.15			
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